

WHAT IS CLAIMED IS:

1. An image formation apparatus, in which a light emitted from a light source is deflected towards a condensing lens, the condensing lens condenses the light and focuses the light on an image carrier,
5 comprising:
 - an optical housing that houses the condensing lens;
 - a fixing member that is fixed to the optical housing, wherein the condensing lens is fixed to the fixing member.
- 10 2. The image formation apparatus according to claim 1, wherein a coefficient of thermal conductivity of the fixing member is lower than a coefficient of thermal conductivity of the optical housing.
3. The image formation apparatus according to claim 1, wherein
15 the condensing lens and the fixing member include positioning units, wherein the positioning units of the condensing lens and the fixing member engaged with each other to thereby to fix the condensing lens to the fixing member.
- 20 4. The image formation apparatus according to claim 1, wherein the fixing member and the optical housing include positioning units, wherein the positioning units of the fixing member and the optical housing engaged with each other to thereby to fix the condensing lens to the fixing member.

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5. The image formation apparatus according to claim 1, wherein
the fixing member is formed by molding glass and has an
ultraviolet ray transmittance equal to or more than 50, and
the fixing member is fixed to the optical housing with an
5 ultraviolet cure adhesive.
6. The image formation apparatus according to claim 1, wherein
the fixing member is formed by molding plastic and has an
ultraviolet ray transmittance equal to or more than 50, and
10 the fixing member is fixed to the optical housing with an
ultraviolet cure adhesive.
7. The image formation apparatus according to claim 5, wherein
the condensing lens is fixed to the fixing member with an
15 ultraviolet cure adhesive.
8. The image formation apparatus according to claim 6, wherein
the condensing lens is fixed to the fixing member with an
ultraviolet cure adhesive.
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9. The image formation apparatus according to claim 1, wherein
a length of the fixing member is equal to or longer than one third
of a length of the condensing lens, and the condensing lens is fixed to
the fixing member such that the length of the fixing member is parallel
25 to the length of the condensing lens.

10. The image formation apparatus according to claim 1, wherein
a mechanical strength of the fixing member is higher than a
mechanical strength of the condensing lens.
- 5 11. The image formation apparatus according to claim 1, wherein
the fixing member and the optical housing includes holes so that the
fixing member and the optical housing are fixed using screws.
- 10 12. The image formation apparatus according to claim 1, wherein
the fixing member includes a snap fastener made of plastic, the
optical housing includes holes to engage the snap fastener.